

METHOD AND RELATED APPARATUS FOR NON-INTEGGER FREQUENCY DIVISION

Abstract

A method includes generating N reference clocks with period T and phases uniformly distributed in 360 degrees; using each of the N reference clocks to trigger M intermediate signals with period $M \cdot T$ and phases uniformly distributed in 360 degrees; and performing a logic operation between at least two intermediate signals respectively corresponding to two different reference clocks to generate an output clock with period $(M/N) \cdot T$ to achieve non-integer frequency division.